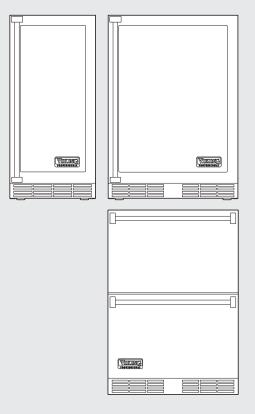
Viking Use & Care Manual



Viking Range Corporation 111 Front Street Greenwood, Mississippi 38930 USA (662) 455-1200

For product information call 1-888-VIKING1 (845-4641), or visit the Viking Web site at vikingrange.com



15"W./24"W. Undercounter Refrigeration

F20867A EN (061912)

Congratulations

Congratulations and welcome to the elite world of Viking ownership. We hope you will enjoy and appreciate the care and attention we have put into every detail of your new, state-of-the-art undercounter refrigeration.

Your Viking appliance is designed to offer years of reliable service. This Use and Care Guide will provide you with the information you need to become familiar with your undercounter refrigeration unit's care and operation.

Your complete satisfaction is our ultimate goal. If you have any questions or comments about this product, please contact the dealer from whom you purchased it, or contact our Consumer Support Center at 1-888-VIKING1.

We appreciate your choice of a Viking undercounter refrigeration unit and hope that you will again select our products for your other major appliance needs.

For more information about the complete and growing selection of Viking products, contact your dealer or visit us online at vikingrange.com.

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Important Safety Instructions

- Before beginning, please read these instructions completely and carefully.
- **DO NOT** remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- Please ensure that this product is properly grounded.
- The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference.

A WARNING

To reduce the risk of fire, electric shock, or injury when using your unit, follow these basic precautions:

- Read all instructions before using the unit.
- Never allow children to operate, play with, or crawl inside the unit.
- Never clean unit parts with flammable fluids. The fumes can create a fire hazard or explosion.
- Always turn the power off to change light bulbs, clean, or service the unit.

FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION.

It is your responsibility to be sure your undercounter refrigeration unit is:

- located so the front is not blocked to restrict incoming or discharge air flow.
- properly leveled.
- located in a well ventilated area.
- connected to the proper kind of outlet, with the correct electric supply and grounding. A 115V, 60 Hz, 15 amp fused electrical supply is required. **Note:** Time delay fuse or circuit breaker is recommended.
- not used by anyone unable to operate it properly.
- used only for its intended purpose.
- properly maintained.

•SAVE THESE INSTRUCTIONS•

Electronic Controls



SET	Displays target set point
SAB	Activates Sabbath Mode
A	Increases temperature when changing set point; Shows maximum stored temperature when pressed alone.
\forall	Decreases temperature when changing set point; Shows minimum stored temperature when pressed alone.
(h)	On/Off Switch
- ` \;\;\;	Light Switch

LED Indicators

LED	FUNCTION
*	Cooling ON
(!)	An alarm is occurring (See troubleshooting for alarm codes)
- \	Light ON
°C/°F	Measurement Unit

Electronic Controls

Temperature Control Panel

The controller is located inside of the unit. The display will read OFF when the unit is off and will show temperature when the unit is ON.

IMPORTANT: The LED display is reading actual air temperature not product temperature. Under these conditions, an air temperature swing does not change the actual product temperature. Product temperature remains at a very stable temperature.

Product Temperature Set Points and Ranges

All Refrigerator	38°F	Range: 32°F to 39°F
Refrigerated Drawer	38°F	Range: 32°F to 39°F
Beverage Center	42°F	Range: 32°F to 48°F
Wine Center	55°F	Range: 44°F to 68°F

To view the SET point:

- 1. Press and release the SET button. The display will show the set point value.
- 2. Press and release the SET button or wait for 5 seconds to display the actual temperature again.

To change the SET point:

- 1. Press the SET button for 3 seconds to change the set point value.
- 2. The value of the set point will be displayed and the "°C" or "°F" LED will start blinking.
- 3. To change the set point value, press the UP or DOWN buttons within 10 seconds.
- 4. To store the new set point value, press the SET button again or wait 10 seconds.

To lock the control:

- 1. Press the UP+DOWN buttons simultaneously for 3 seconds.
- 2. The "PoF" message will be displayed and the keyboard will be locked. At this point it will only be possible to see the set point, the MAX or the MIN temperature stored.
- 3. If a button is pressed more than 3 seconds, the "PoF" message will be displayed.

To unlock the control:

1. Press the UP and DOWN buttons simultaneously for 3 seconds until the "Pon" message is displayed.

Electronic Controls

Sabbath Mode

To activate SABBATH mode, press the Light button to turn off the light. Then press the SAB button.

When in Sabbath mode:

- The display will be switched off (with the exclusion of the measurement temperature icon LED);
- The regulation will keep on working normally;
- The digital inputs will be deactivated (they will not work during SABBATH MODE);
- After any alarm condition the display will be switched on, coming back to the OFF mode at the end of the alarm condition;
- The keyboard will be deactivated with the exclusion of the SAB button.

To exit the SABBATH mode, press the SAB button. The display will turn on, but the light will remain off until the next time the door is opened.

Using the Unit

Loading Product

IMPORTANT: Before storing perishables, allow unit to run for a minimum of 24 hours to allow temperature stabilization after start-up.

When loading items into unit, do no block internal louvers and fan guard openings or performance will be decreased.

Shelving

IMPORTANT: To achieve maximum performance, interior louver openings and fan guard openings should never be obstructed.

All Refrigerator

The single door unit comes standard with two adjustable, full extension, pullout shelves. Shelving positions are adjustable.

Wine Center

The single door unit comes standard with five full extension black vinyl coated wine racks capable of storing 20 total wine bottles (15" models) or 40 total wine bottles (24" models). Shelves are removable and adjustable to accommodate oversized (magnum) bottles.

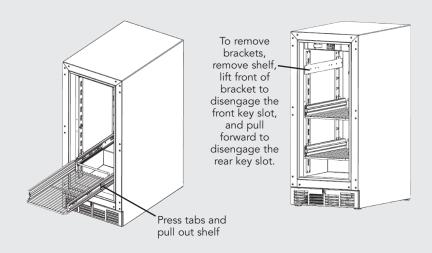
Beverage Center

The single door unit comes standard with two full extension black vinyl coated wine racks and one full extension pullout shelf allowing for storage of both wine and beverages. Shelving positions are adjustable.

Adjusting Full Extension Shelving

- 1. Pull the shelf out to its farthest position. Locate the tabs in the middle of both extenders. Press left tab up and right tab down and pull shelf out.
- 2. Reposition each bracket separately. Grasp the middle of the bracket, pull the front end up and out, then forward to remove.
- 3. Place bracket at the desired position. Push the rear hook into the rear key slot. Set front of bracket on the wall hook.
- 4. Repeat for other bracket(s).
- 5. Push extenders completely into the unit. Align the shelf grooves with the extenders and slide completely into the unit.

Using the Unit



A CAUTION

Completely empty the drawer before removing.

Removing drawers from Refrigerated Drawer Unit

Full-extension Drawers – Pull the drawer out to its farthest point. Locate the tabs in the middle on both sides of the extenders. Press left tab up and right tab down; pull drawer out. To return drawer, first push both extenders completely in then line up the shelf grooves and slide easily into the unit.

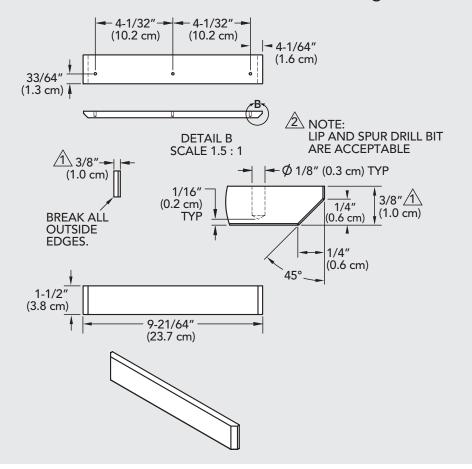
Wine Rack Finishing

Wooden Rack Trim Finishing

All wine racks come with unfinished solid hardwood fronts which can be replaced with other wood to match your cabinetry. See following illustrations for wine rack face details.

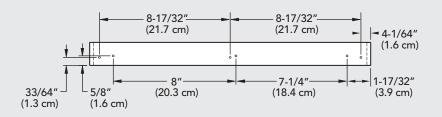
The unfinished faces may be finished and sealed. In many cases stains and/or finishes have odors that may be objectionable in an enclosed area. To remove the front wood-face from the wine shelf, simply pull out the wine shelf and remove the fasteners, finish as desired and re-install with fasteners.

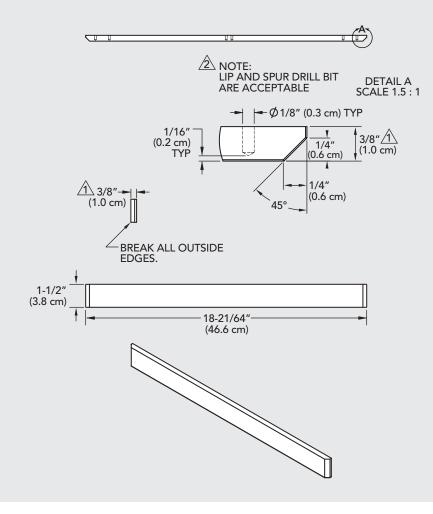
15"W. Wooden Wine Rack Trim Design



Wine Rack Finishing

24"W. Wooden Wine Rack Trim Design





Interior Light

Interior Light

The unit is equipped with an interior light that is illuminated when the door is opened. The cabinet also comes standard with a display light function located on the control panel for displaying your products through a glass door. To use display lighting, press the Light button twice. On the first press, the light will turn off. On the second press, the light will turn back on and be in display lighting mode. Do not use the display light function with a solid door product. If the display light is left on for an extended period of time, it may increase the cabinet temperature, especially at the top and cause the refrigeration system to run longer.

Light Bulb Replacement

NOTE: Please contact your Viking Range parts distributor or dealer to order the LED light bulb.

To replace light bulb, unscrew the bulb counterclockwise and replace with new bulb.

Checking Product Temperature

To accurately check the temperature of the product stored in a refrigerated compartment, insert an accurate thermometer into a plastic (non-breakable) bottle, partially filled with water. Tighten the bottle cap securely.

Place the bottle in the desired area for 24 hours. Refrain from opening the unit during the testing period. After 24 hours, check the temperature of the water. Adjust the control settings if necessary and re-test.

Your units are pre-set in order to achieve the recommended temperature range when installed in a 70°F ambient room temperature. Factors, which affect the internal temperatures of the refrigerated cabinet, include:

- Temperature setting
- Room temperature where installed
- Number of times the door is opened and closed
- Length of times the door is opened and closed
- Length of times the door is left open
- Style of door installed
- Door gasket sealing and condition
- Amount of time the internal light is illuminated
- Installation in direct sun light or near a heat source

Winterizing Outdoor Units

This process should occur when the daily low temperature is at or below the set point temperature in the unit.

- Turn unit to OFF position by pressing the OFF button on the controller. The controller displays the word OFF (If power cord is accessible, unplug the cabinet. If not, turn off the circuit breaker to the receptacle the cabinet is plugged into.)
- 2. Remove all contents from the unit.
- 3. Remove the kickplate from the unit.
- 4. Clean the condensor by using a vacuum cleaner to remove the loose debris (dirt, leaves, etc.) that may have gotten inside the kickplate.
- 5. Reattach the kickplate.
- 6. Clean the interior using Stainless Steel Cleaner and Polish.
- 7. Clean the exterior using Stainless Steel Cleaner and Polish.

NOTE: Do not place a cover over the unit.

NOTE: While not required, you may choose to remove the unit from the outdoor location and store indoors.

A WARNING

Leaving your product operating in temperatures lower than those recommended will void the warranty.

Preparing for Spring Use

This process should occur when the daily low temperature is at or above the set point temperature in the unit.

- 1. Plug the unit into the electrical receptacle.
- 2. Press the OFF button one time to turn the unit ON. The controller will read the actual temperature inside the unit on the display. It will soon begin the cooling process to bring the unit to the set temperature.
- 3. Remove the kickplate from the unit.
- 4. Check the condensing unit to ensure it is clear of loose debris, clean as necessary with vacuum cleaner.
- 5. Reattach the kickplate to the unit.
- 6. Clean the interior using Stainless Steel Cleaner and Polish.
- 7. Clean the exterior using Stainless Steel Cleaner and Polish.

Cleaning

Cleaning

To clean stainless steel exterior or interior surfaces, use a soft, non-abrasive stainless steel cleaner to wipe down these surfaces. Glass door panels can be cleaned using any standard glass cleaner available on the market today.

To clean interior and exterior non-metallic surfaces and removable parts, wash with a mild solution of soap and lukewarm water with a little baking soda. Rinse and dry thoroughly. Avoid getting water on lights, controllers, fan motors, and unfinished wood wine rack faces.

A CAUTION

DO NOT use abrasive cleaners or cloths on any of the interior or exterior surfaces or removable parts.

Condenser Cleaning

A WARNING

For cleaning the condenser and other routine maintenance, shut off electricity to the unit.

In all instances, you should clean the condenser area every three months. The condenser is located behind the kickplate. To clean the condenser remove the kickplate and use a soft bristle brush and vacuum to remove dust and lint. Avoid damaging or crushing the condenser fins or tubing. Upon completion, re-install the kickplate.

A CAUTION

Failure to clean the condenser could result in temperature loss or mechanical failure or damages. Clean this area every three months.

Troubleshooting

Before Calling for Service

If the unit appears to be malfunctioning, read through NORMAL OPERATION first. If the problem persists, check the TROUBLESHOOTING GUIDE. Locate the problem in the guide and refer to the cause and its remedy before calling for service. The problem could be something, which can be solved without a service call.

WARNING

ELECTROCUTION HAZARD!!

Never attempt to repair or perform maintenance on the unit until the main electrical power has been disconnected.

Problem	Solution
No interior light	Check to ensure bulb is tight.Check to ensure bulb is not burned out.
Light stays on when door is closed	 Manual ON/OFF light switch is turned ON. Check to ensure door switch is making contact with door.
Noise during operation	Certain sounds are normal. Soft sounds from the compressor, fan motor and valves will be heard.
Controller display is flashing "P1"	There is a thermostat probe failure.
Controller display is flashing "HA"	 The internal compartment temperature has exceeded the high temperature alarm preset value for over 30 minutes. Check to ensure door is closed. Check for door gasket seal. Product was just installed. Check to ensure condenser is clean. Check to ensure kickplate is unobstructed. Surrounding ambient temperature has changed dramatically. Check to ensure interior light is OFF.

Troubleshooting (cont.)

Problem	Solution
Controller display is flashing "DA"	The door has been left ajar.Check to ensure door is closed.
Controller display is flashing "LA"	 The internal compartment temperature has exceeded the low temperature alarm preset value for over 30 minutes. Check to ensure door is closed. Check for door gasket seal. Surrounding air temperature has changed dramatically.
Controller display is flashing "EE"	• The controller has a data or memory failure.
The refrigerated cabinet isn't running	 Check to ensure there is electrical power to the unit. Check to ensure your home circuit breaker or fuse is on. Check to ensure your ON/OFF key pad is on. Check to ensure your condenser area is clean.
The refrigerated compartment is warmer than usual	 Check to ensure your control is set properly. Check to ensure the light is not staying on. Check to ensure your condenser area is clean and free of obstructions. Check to ensure the door has not been open for a long time or more frequent door openings aren't occurring. Check to ensure the internal louvers and fan guard openings aren't obstructed. Check to ensure warm product hasn't just been placed in the cabinet.
The refrigerated compartment is colder than usual	 Check to ensure your control is set properly. Check to ensure your door is closing and sealing properly. Check to ensure the ambient temperature is within the normal operating range.

Troubleshooting

Problem	Solution
The refrigeration system runs for long periods of time	 Check to ensure the condenser area is clean and free of obstructions. Check to ensure the door has not been open for a long time or more frequent door openings aren't occurring. Check to ensure warm product hasn't just been placed in the cabinet. On hot days and in warm room temperatures the system will run long.
Condensation forms inside the refrigerated compartments	 This is normal during high humidity and frequent door openings. Check to ensure door is closed and sealing properly.
Condensation forms on the outside of the unit	During periods of high humidity some condensation might appear on outside surfaces. The condensation will disappear when the humidity drops. Meanwhile, be sure doors are closing and sealing properly. If condensation persists, contact your local Viking authorized servicer.
When pressing the UP button, the display shows a "Hi" message followed by a temperature that does not match the set point.	If the UP button is pressed without pressing the SET button, the MAX stored temperature will be displayed. Press the UP button again or wait 5 seconds for the normal temperature to be displayed. To reset the MAX temperature, press and hold the SET button until the message "rSt" starts blinking. Release the SET button and the new stored value will be the current temperature. Frequent and/or extended door openingsmay cause a higher than expected MAX temperature.
When pressing the DOWN button, the display shows a "Lo" message followed by a temperature that does not match the set point.	If the DOWN button is pressed without pressing the SET button, the MIN stored temperature will be displayed. Press the DOWN button again or wait 5 seconds for the normal temperature to be displayed. To reset the MIN temperature, press and hold the SET button until the message "rSt" starts blinking. Release the SET button and the new stored value will be the current temperature.

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Service & Registration

If service is required after checking the troubleshooting guide, call your Viking dealer or authorized service agency. The name of the authorized service agency can be obtained from the dealer or distributor in your area.

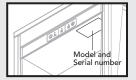
When you make a service call, be sure to have the following information handy:

- Model Number
- Serial Number
- Date of Purchase
- Name of dealer from whom purchased

If you are unable to obtain the name of an authorized service agency, or if you continue to have service problems, contact Viking Range Corporation at (888) 845-4641 or write to:

VIKING RANGE CORPORATION PREFERRED SERVICE 1803 Hwy 82W Greenwood, Mississippi 38930 USA

Record the following information indicated below. You will need it if service is ever required. The model and serial number for your undercounter refrigeration unit are located in the top right under the control housing.



Model No
Serial No
Date of Purchase
Date Installed
Dealer's Name
Address

If service requires installation of parts, use only authorized parts to insure protection under the warranty.

Keep this manual with your refrigerator for future reference.

Warranty

VRCI/FRCI/VBCI/FBCI/VWCI/FWCI/VRDI/FRDI UNDERCOUNTER REFRIGERATION WARRANTY (INDOOR MODELS) THREE YEAR FULL WARRANTY

Undercounter refrigeration and all of their components and accessories, except as detailed below*, are warranted to be free from defects in material or workmanship under normal household use for a period of three (3) years from the date of original retail purchase. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period

*Painted and decorative items are warranted to be free from defective materials or workmanship for a period of ninety (90) days from the date of original retail purchase. ANY DEFECTS MUST BE REPORTED TO THE SELLING DEALER WITHIN NINETY (90) DAYS FROM DATE OF ORIGINAL RETAIL PURCHASE.

SIX YEAR FULL WARRANTY

Any sealed refrigeration system component, as listed below, is warranted to be free from defective materials or workmanship in normal household use during the fourth through the sixth year from the date of original retail purchase. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period.

<u>Sealed Refrigeration System Components</u>; Compressor, Evaporator, Condenser, Connecting Tubing, Dryer/Strainer

TWELVE YEAR LIMITED WARRANTY

Any sealed refrigeration system component, as listed above, which fails due to defective materials or workmanship in normal household use during the seventh through the twelfth year from the date of original retail purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor.

NINETY (90) DAY RESIDENTIAL PLUS WARRANTY This warranty applies to applications where use of the product extends beyond normal residential use. Examples are, but not limited to, bed and breakfasts, fire stations, private clubs, churches, etc. This warranty excludes all commercial locations such as restaurants, food service locations and institutional food service locations.

This warranty extends to the original purchaser of the product warranted hereunder and to each transferee owner of the product during the term of the warranty.

This warranty shall apply to products purchased and located in the United States and Canada. Products must be purchased in the country where service is requested. Warranty labor shall be performed by an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from abuse, accident, natural disaster, loss of electrical power to the product for any reason, alteration, improper installation, improper operation or repair or service to the product by anyone other than an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from indoor units being used in outdoor situations. This warranty does not apply to commercial usage, Warrantor is not responsible for consequential or incidental damage whether arising out of breach of warranty, breach of contract, or otherwise. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Owner shall be responsible for proper installation, providing normal care and maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. If the product or one of its component parts contains a defect or malfunction during the warranty period, after a reasonable number of attempts by the warrantor to remedy the defects or malfunctions, the owner is entitled to either a refund or replacement of the product or its component part or parts. Replacement of a component part includes its free installation. Warrantor's liability on any claim of any kind, with respect to the goods or services covered hereunder, shall in no case exceed the price of the goods or service or part there of which gives rise to the claim.

WARRANTY SERVICE: Under the terms of this warranty, service must be performed by a factory authorized Viking Range Corporation service agent or representative. Service will be provided during normal business hours, and labor performed at overtime or premium rates shall not be covered by this warranty. To obtain warranty service, contact the dealer from whom the product was purchased, an authorized Viking Range Corporation service agent, or Viking Range Corporation. Provide model and serial number and date of original purchase. For the name of your nearest authorized Viking Range Corporation service agency, call the dealer from whom the product was purchased or Viking Range Corporation. IMPORTANT: Retain proof of original purchase to establish warranty period.

Warranty

The return of the Owner Registration Card is not a condition of warranty coverage, You, however, should return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

Any implied warranties of merchantability and fitness applicable to the above described undercounter ice machine are limited in duration to the period of coverage of the applicable express written limited warranties set forth above. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.

Warranty

VRCO/VRDO UNDERCOUNTER REFRIGERATION WARRANTY (OUTDOOR MODELS) ONE YEAR FULL WARRANTY

Undercounter refrigeration and all of their components and accessories, except as detailed below*, are warranted to be free from defects in material or workmanship under normal household use for a period of one (1) year from the date of original retail purchase. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period

*Painted and decorative items are warranted to be free from defective materials or workmanship for a period of ninety (90) days from the date of original retail purchase. ANY DEFECTS MUST BE REPORTED TO THE SELLING DEALER WITHIN NINETY (90) DAYS FROM DATE OF ORIGINAL RETAIL PURCHASE.

FIVE YEAR LIMITED WARRANTY

Any sealed refrigeration system component, as listed above, which fails due to defective materials or workmanship in normal household use during the second through the fifth year from the date of original retail purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor.

NINETY (90) DAY RESIDENTIAL PLUS WARRANTY This warranty applies to applications where use of the product extends beyond normal residential use. Examples are, but not limited to, bed and breakfasts, fire stations, private clubs, churches, etc. This warranty excludes all commercial locations such as restaurants, food service locations and institutional food service locations.

This warranty extends to the original purchaser of the product warranted hereunder and to each transferee owner of the product during the term of the warranty.

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Owner shall be responsible for proper installation, providing normal care and maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. If the product or one of its component parts contains a defect or malfunction during the warranty period, after a reasonable number of attempts by the warrantor to remedy the defects or malfunctions, the owner is entitled to either a refund or replacement of the product or its component part or parts. Replacement of a component part includes its free installation. Warrantor's liability on any claim of any kind, with respect to the goods or services covered hereunder, shall in no case exceed the price of the goods or service or part there of which gives rise to the claim.

WARRANTY SERVICE: Under the terms of this warranty, service must be performed by a factory authorized Viking Range Corporation service agent or representative. Service will be provided during normal business hours, and labor performed at overtime or premium rates shall not be covered by this warranty. To obtain warranty service, contact the dealer from whom the product was purchased, an authorized Viking Range Corporation service agent, or Viking Range Corporation. Provide model and serial number and date of original purchase. For the name of your nearest authorized Viking Range Corporation service agency, call the dealer from whom the product was purchased or Viking Range Corporation. IMPORTANT: Retain proof of original purchase to establish warranty period.

The return of the Owner Registration Card is not a condition of warranty coverage, You, however, should return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

Any implied warranties of merchantability and fitness applicable to the above described undercounter ice machine are limited in duration to the period of coverage of the applicable express written limited warranties set forth above. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.